

New Jersey Department of Transportation FY 2002 - 2003 Study and Development Program

ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

CR 615	Bordentown Avenue	NS9705 NS9705
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LOCATION/DESCRIPTION

Intersection of CR 615, Bordentown Avenue with CR 673, Ernston Road

Ernston Road and Bordentown Avenue are two-lane roadways which intersect at the border of Sayreville Borough and Old Bridge Township. The intersection experiences almost constant vehicle queues on all approaches. The level of service for morning and evening peak hours is "F," failure. The existence of a railroad bridge at this intersection severely restricts the visibility and maneuverability of vehicles approaching the intersection. The bridge also imposes a verticle height restriction. Middlesex County is interested in improving the existing conditions at this intersection by possibly adding lanes, adding left-turn lanes, and replacing the railroad bridge.

SPONSOR: Middlesex County

COUNTY: Middlesex

MILEPOSTS: N/A

STRUCTURE NO.: RR over Hwy.

MPO	Phase	Year
NJTPA	LFSD	2002

CR 522	County Route 522, South Brunswick	HP01014 HP01014
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LOCATION/DESCRIPTION

This project will provide for the construction of County Route 522 in South Brunswick.

The federal FY 2001 TCSP Grants provided funding for this project. The funding was reduced by 22% under Section 1403 of the FY 2001 Omnibus Consolidated Appropriations Act. This project has been allocated \$234,358.

SPONSOR: To be determined

COUNTY: Middlesex

MILEPOSTS: N/A

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	LFA	2002

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ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

CR 514	River Road Realignment, Highland Park	NS0012	NS0012
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LOCATION/DESCRIPTION

Clevelend Avenue to Cedar Lane, proposed roadway realignment

The County proposes to investigate improvements to CR 514 in Highland Park Borough in the vicinity of the Northeast corridor Rail Line underpass, from Cleveland Avenue to Cedar Lane. Improvements to this portion of CR 514 will include, but are not limited to realignment, signage, signalization and the addition of turning lanes.

SPONSOR: Middlesex County

COUNTY: Middlesex

MILEPOSTS: N/A

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	LFSD	2002

CR 602	Roosevelt Avenue	NS9704	NS9704
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LOCATION/DESCRIPTION

Intersection of CR 602 with Wedgewood Drive and N.J. Turnpike Exit 12 from Minue Street to Carteret Industrial Road

The intersection of Roosevelt Avenue and NJ Turnpike Exit 12/Wedgewood Drive is located in Carteret. Roosevelt Avenue is the only vehicular connection over the NJ Turnpike between East and West Carteret. Due to heavy traffic volume crossing the Turnpike bridge and turning left onto the Turnpike ramps, the intersection fails during the morning and evening peak hours. The left turn lane has insufficient stacking. Left turning vehicles often extend back and block the left through-lane. The left turning vehicles can extend to the single lane section, effectively closing off the intersection to through vehicles during peak hours. At times vehicles have stacked over half the length of the Turnpike bridge. Alternatives to solving this transportation problem will be studied.

SPONSOR: Middlesex County

COUNTY: Middlesex

MILEPOSTS: N/A

STRUCTURE NO.: M095800

MPO	Phase	Year
NJTPA	LFSD	2002

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ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

Schalks Station Road Bridges

00321 00321

LOCATION/DESCRIPTION

Schalks Station Road over Amtrak and Devil Book, proposed rehabilitation

The overall condition of this structure is fair. The bridge is functionally obsolete, with a sufficiency rating of 61.8. The deck has deteriorated to the point that it requires rehabilitation.

SPONSOR: NJDOT

COUNTY: Middlesex

MILEPOSTS: N/A

STRUCTURE NO.: 1249161 124B079

MPO	Phase	Year
NJTPA	FA	2002

Woodbridge Center

00308 00308

LOCATION/DESCRIPTION

This project is being sponsored by Middlesex County. The Department of Transportation will participate in the construction of a grade-separated interchange at the existing signalized intersection of Main Street (CR 514) and Woodbridge Center Drive in Woodbridge Township.

This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.10

SPONSOR: Middlesex County

COUNTY: Middlesex

MILEPOSTS: N/A

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	LFSD	2002

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ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

1	6V, Ryders Lane to Milltown Road	9239	9239
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LOCATION/DESCRIPTION

North of Ryders Lane to south of Milltown Road, proposed bridge replacement

The project includes the total replacement of the deficient bridge on the existing alignment, plus approach roadway profile and vertical sight distance improvements, improvement of ramp geometry and reducing the number of bridge spans from five to one. No additional through lanes are proposed. The typical section proposes three 12-foot lanes, a 12-foot auxiliary lane, a 3-foot inside shoulder, and a 12-foot outside shoulder in each direction, separated by a concrete barrier curb. Elimination of the railroad line under the bridge is an important element of the preferred alternative. Also geometric improvements and four traffic signals along parallel service roads on both sides of Route 1 within the project limits are proposed. This project is being designed to be bicycle/pedestrian compatible. In addition safety conditions will be improved for bicycle/pedestrians along College Farm Road and Access Road.

SPONSOR: NJDOT

COUNTY: Middlesex

MILEPOSTS: 25.60 - 25.80

STRUCTURE NO.: 1202152

MPO	Phase	Year
NJTPA	FSD	2002

1	Bicycle/Pedestrian Improvements	97025	97025
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LOCATION/DESCRIPTION

Route 1, Mercer and Middlesex Counties, proposed bicycle/pedestrian improvements

This project will provide for proposed bicycle/pedestrian improvements along this corridor as identified by the NJDOT Route One Bicycle/Pedestrian Corridor Plan.

SPONSOR: NJDOT

COUNTY: Mercer Middlesex

MILEPOSTS: N/A

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	CD	2002
NJTPA	FA	2003

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ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

1	Loring Avenue, Drainage	93246	93246
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LOCATION/DESCRIPTION

Vicinity of Loring Avenue (southbound only), proposed drainage improvement

Proposed drainage improvements at the intersection of Loring Avenue will alleviate flooding in the southbound lanes during heavy rain. Conditions noted include independent cross drains at the low points where municipal extensions appear to be part of the problem.

SPONSOR: NJDOT

COUNTY: Middlesex

MILEPOSTS: 28.80 - 29.00

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FSD	2003

1	South Brunswick	93146	93146
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LOCATION/DESCRIPTION

Vicinity of Sayre Drive to vicinity of Finnigans Lane, proposed widening

Planning study of future capacity increase needs on Route 1 in South Brunswick.

SPONSOR: NJDOT

COUNTY: Middlesex

MILEPOSTS: 12.80 - 21.50

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FA	2003

New Jersey Department of Transportation

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ROUTE/PROGRAM

Project ID Numbers

DB No. TIP No.

1

Utility Corridor Trail

97078A 97078A

LOCATION/DESCRIPTION

Proposed Middlesex Greenways (abandoned Conrail Line) to vicinity of Woodbridge Center Drive, along existing utility (PSE&G) right of way that parallels Route 1 (easterly side)

The Route 1 Utility Corridor Trail is a multi-purpose trail concept originally developed in the Route 1 Corridor Bicycle and Pedestrian Case Study (December 1997). As envisioned, the trail would be approximately 12 feet wide, and include such amenities as lamp lights, trash receptacles, benches, and landscaping. There may also be a need for a pedestrian overpass in the vicinity of the Garden State Parkway, as well as at-grade bicycle/pedestrian crossing treatments at a number of cross streets. This trail may also be extended down Woodbridge Center Drive, tying into Woodbridge Center's proposed internal bicycle/pedestrian and retail/entertainment development near the Woodbridge Center Drive/Main Street intersection.

SPONSOR: NJDOT

COUNTY: Middlesex

MILEPOSTS: 32.49 - 35.10

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FSD	2003

9 35

**25D, Abandoned Railroad ROW
Bridge**

9242 9242

LOCATION/DESCRIPTION

Bridge over Abandoned Railroad Right of Way, proposed removal

This project will provide for the proposed removal of the existing deficient structure.

SPONSOR: NJDOT

COUNTY: Middlesex

MILEPOSTS: 129.99

STRUCTURE NO.: 1208152

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FSD	2003

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ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

9	35	Concept Development, Raritan River Crossing	079	079
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LOCATION/DESCRIPTION

Vicinity of the Raritan River Crossing, concept development

This planning study will evaluate the current and future needs and options for the approach corridors to the Raritan River crossings in the vicinity of Routes 9 and 35.

SPONSOR: NJDOT

COUNTY: Middlesex

MILEPOSTS: N/A

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	CD	2002
NJTPA	FA	2003

9	35	Conrail Bridge	95113	95113
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LOCATION/DESCRIPTION

Bridge over abandoned Conrail railroad, proposed replacement

This project will provide for the proposed replacement of existing deficient structure.

SPONSOR: NJDOT

COUNTY: Middlesex

MILEPOSTS: 130.22

STRUCTURE NO.: 1208154

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FSD	2003

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FY 2002 - 2003 Study and Development Program

ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

9	Garden State Parkway, Drainage	93232	93232
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LOCATION/DESCRIPTION

Interchange at Garden State Parkway Exit 127A (southbound), proposed drainage improvement

Flooding of Route 9 near the Garden State Parkway occurs in heavy rainfall events. In very intense storms, flooding can extend over the entire main pavement. In addition to the flooding problem, roadway icing causes extremely hazardous driving conditions at this location. Proposed drainage improvements on Route 9 will alleviate the flooding during heavy rain.

SPONSOR: NJDOT
 COUNTY: Middlesex
 MILEPOSTS: 133.5
 STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FSD	2002

9	Green Street Interchange	95115	95115
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LOCATION/DESCRIPTION

Route 1 to Gorham Avenue, proposed highway operational improvements

This proposed project will include a bridge replacement, interchange reconfiguration, and drainage improvements. The Route 9 northbound bridge over Green Street Connector was built in 1937, and the overall condition of the structure is listed as fair, with a sufficiency rating of 46.3 (functionally obsolete). In addition, reconfiguration of the interchange is necessary to alleviate unsafe weave/merge conditions that currently exist. Drainage improvements will also be included to correct existing drainage problems.

SPONSOR: NJDOT
 COUNTY: Middlesex
 MILEPOSTS: 135.40 - 136.20
 STRUCTURE NO.: 1210152

MPO	Phase	Year
NJTPA	FA	2002

New Jersey Department of Transportation

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ROUTE/PROGRAM

Project ID Numbers

DB No. TIP No.

9

Jake Brown Road, Drainage

93251

93251

LOCATION/DESCRIPTION

Vicinity of Jake Brown Road (northbound only), proposed drainage improvement

An identified drainage problem results in flooding of the jughandle at Jake Brown Road during heavy rains.

SPONSOR: NJDOT

COUNTY: Middlesex

MILEPOSTS: 125.30

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FSD	2003

18

Interchange of CRs 516/527

9394

9394

LOCATION/DESCRIPTION

Interchange improvements will include eliminating geometric design deficiencies of the existing interchange to improve safety and operations. This realignment includes widening Route 18 to provide adequate inside shoulders and widening CRs 516/527 in both directions through the interchange area. To accommodate these improvements, the existing bridge over Route 18 will be replaced. The Initially Preferred Alternative also provides a new ramp from Route 18 northbound to CR 516/527 eastbound and westbound via a new signalized intersection. The existing ramps to and from Route 18 and CR 516/527 are also reconfigured to match the proposed alignment of Route 18 at CR 516/527. The signalized intersection of CR 516 and Old Matawan Road will be relocated and improved. This signal will be coordinated with the new signal at the ramp from Route 18 to optimize operations at both intersections. This project will be bicycle/pedestrian compatible.

SPONSOR: NJDOT

COUNTY: Middlesex

MILEPOSTS: 34.00 - 34.50

STRUCTURE NO.: 1211152

MPO	Phase	Year
NJTPA	FSD	2002

New Jersey Department of Transportation

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ROUTE/PROGRAM

Project ID Numbers

DB No. TIP No.

27

3E, Six Mile Run Bridge

146

146

LOCATION/DESCRIPTION

Bridge over Six Mile Run, proposed replacement

This project will provide for the proposed bridge replacement.

SPONSOR: NJDOT

COUNTY: Middlesex

MILEPOSTS: 11.50

STRUCTURE NO.: 1216158

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FSD	2003

27

**6L, Conrail Port Reading Branch
Bridge**

93132

93132

LOCATION/DESCRIPTION

Bridge over Conrail Port Reading Branch, proposed replacement

The existing structure consists of one 13 foot to 16 foot travel lane and one 2 foot to 4 foot shoulder in each direction. The proposed improvements will provide one 12 foot travel lane and one 10 foot shoulder in each direction. Sidewalks will be provided throughout the project. There are no intersection improvements proposed. This project is bicycle/pedestrian compatible.

SPONSOR: NJDOT

COUNTY: Middlesex

MILEPOSTS: 22.75 - 23.10

STRUCTURE NO.: 1218154

MPO	Phase	Year
NJTPA	FSD	2002

New Jersey Department of Transportation

FY 2002 - 2003 Study and Development Program

ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

27	Renaissance 2000, Bennetts Lane to Somerset Street	97079	97079
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LOCATION/DESCRIPTION

The Feasibility Assessment phase of this project will investigate the potential widening of the existing four-lane roadway to a five-lane cross section to provide a two-way center turn lane on Route 27 from Bennetts Lane to the Franklin Boulevard/Olive Avenue intersection. It will also investigate the possible reduction of the cross section from four lanes to three lanes, one travel lane in each direction with a combination center landscaped island and/or two-way center turning lane, from Franklin Boulevard/Olive Avenue to Somerset Street. Feasibility Assessment will also look into the restriping of How Lane to delineate a center left-turn lane.

SPONSOR: NJDOT
 COUNTY: Middlesex Somerset
 MILEPOSTS: 13.10 - 15.22
 STRUCTURE NO.: 1216159

MPO	Phase	Year
NJTPA	FA	2002

27	South Plainfield Branch (Lake Avenue Bridge)	95102	95102
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LOCATION/DESCRIPTION

This project will provide for the proposed replacement of the Lake Avenue (Route 27) bridge over the abandoned South Plainfield Branch. The proposed new structure will provide for four travel lanes. A new traffic signal is proposed for the intersection of Route 27 and Lake Avenue which will be hard wired to a revised traffic signal at the Route 27 intersection with Amboy Avenue. This project will be bicycle/pedestrian compatible.

SPONSOR: NJDOT
 COUNTY: Middlesex
 MILEPOSTS: 21.55 - 21.61
 STRUCTURE NO.: 1218152

MPO	Phase	Year
NJTPA	FSD	2002

New Jersey Department of Transportation

FY 2002 - 2003 Study and Development Program

ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

27	Wood Avenue	93227C	93227
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LOCATION/DESCRIPTION

Christie Street to Garden State Parkway southbound, proposed grade-separated interchange

A new grade-separated interchange is proposed at this location. The existing signal at this location will be replaced by a signal at each end of a two-way ramp connection located in the southwest quadrant between Route 27 and Wood Avenue. This project will be bicycle/pedestrian compatible.

SPONSOR: NJDOT

COUNTY: Middlesex

MILEPOSTS: 23.97 - 24.63

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FSD	2002

33	Bentley Brook, Drainage	93247	93247
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LOCATION/DESCRIPTION

Vicinity of Bentley Brook, proposed drainage improvement

An identified drainage problem at Bentley Brook results in periodic flooding during heavy rains. Conditions noted include downstream constriction of Bentley Brook.

SPONSOR: NJDOT

COUNTY: Middlesex

MILEPOSTS: 17.30

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FA	2003

New Jersey Department of Transportation

FY 2002 - 2003 Study and Development Program

ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

34	(5) Amboy Road/Morristown Road	9227	9227
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LOCATION/DESCRIPTION

Intersection at Amboy Avenue and Morristown Road, proposed improvements

Proposed intersection improvements. Two closely aligned roads intersect Route 34 at acute angles, which creates traffic movement and sight distance problems. Morristown Road, in particular, has heavy left turning movements from Route 34 southbound with no traffic control.

SPONSOR: NJDOT

COUNTY: Middlesex

MILEPOSTS: 24.60 - 24.80

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	CD	2002
NJTPA	FA	2003

130	Mae Brook Bridge	99303	99303
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LOCATION/DESCRIPTION

Bridge over Mae Brook (Branch of Lawrence Brook), replacement

This project will provide for the replacement of the failed original section of the Mae Brook Culvert (Branch of Lawrence Brook) and the rehabilitation of the remaining section. The rehabilitation will be limited to patching the spalled areas and epoxy injection or pressure grouting of cracks in the existing culvert walls. There are no existing sidewalks within the project limits. The County of Middlesex has indicated they have no plans for bicycle facilities within the project vicinity. The proposed work will not include permanent modifications to the existing roadway and/or the existing status of pedestrian/bicycle compatibility within or adjacent to the project area.

SPONSOR: NJDOT

COUNTY: Middlesex

MILEPOSTS: 80.30

STRUCTURE NO.: 1227160

MPO	Phase	Year
NJTPA	FSD	2002

New Jersey Department of Transportation

FY 2002 - 2003 Study and Development Program

ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

287	Middlesex/Somerset, Raritan River Crossing Needs Analysis	9169	9169
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LOCATION/DESCRIPTION

Raritan River Crossing Needs Analysis

A study will be conducted of traffic congestion problems on I-287 in the vicinity of the Raritan River crossing between Piscataway Township, Middlesex County, and Franklin Township, Somerset County. The study area includes interchanges 4, 5, and 6 on the interstate and related traffic congestion problems on both sides of the river.

SPONSOR: NJDOT

COUNTY: Middlesex Somerset

MILEPOSTS: 8.0 - 11.49

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	CD	2002
NJTPA	FA	2003